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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 3691-0132PUS1
INTERNATIONAL APPLICATION NO. PCT/JP2004/017665	INTERNATIONAL FILING DATE 22 November 2004	U. S. APPLICATION NO. (Known) <i>10758044</i> (37 CFR 1.5) NEW
		PRIORITY DATE CLAIMED 22 November 2003
TITLE OF INVENTION METHOD OF DETECTING TARGET MOLECULE BY USING APTAMER		
APPLICANT(S) FOR DO/EO/US Koji SODE; and Kazunori IKEBURUKURO		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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U. S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
107580044	PCT/JP2004/017665	3691-0132PUS1
20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard PCT/IB/308 (2 sheets); PCT/IB/304; PCT/IB/306 (3 sheets); PCT/ISA/210; Processing ✓ Fee Transmittal; Sequence Listing - Three (3) Sheets; Drawings - Ten (10) Sheets		
The following fees have been submitted		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500		
TOTAL OF 21, 22 and 23 =		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
34 - 100 =	/50 =	x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	19 - 20 =	x
Independent claims	3 - 3 =	x
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		
TOTAL OF ABOVE CALCULATIONS =		
\$ 1,030.00		
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		
SUBTOTAL =		
\$ 515.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		
TOTAL NATIONAL FEE =		
\$ 645.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		
\$		
TOTAL FEES ENCLOSED =		
\$ 645.00		
Amount to be refunded: \$		
Amount to be charged \$		

10/580044
IAP12 Rec'd PCT/PTO 19 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. A check in the amount of \$ 645.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 02-2448 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

May 19, 2006


SIGNATURE

Gerald M. Murphy, Jr.

NAME

CUSTOMER NUMBER: 02292

28,977
REGISTRATION NUMBER

/clb

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

PROCESSING FEE Under 37 CFR 1.17(i) TRANSMITTAL (Fees are subject to annual revision)		Application Number	NEW
Send completed form to: MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		Filing Date	May 19, 2006
		First Named Inventor	Koji SODE
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	3691-0132PUS1

Enclosed is a paper filed under 37 CFR § 1.52(d) that requires a processing fee (37 CFR 1.17(i)).
Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see form PTO/SB/17p.

Payment of Fees (small entity amounts are NOT available for the processing fees)

The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 02-2448 :

processing fee under 37 CFR 1.17(i) any deficiency of fees and credit of any overpayments

Enclose a duplicative copy of this form for fee processing.

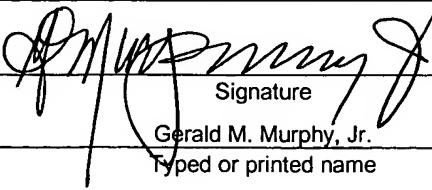
Check in the amount of \$ 645.00 is enclosed.

Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

Processing Fees under 37 CFR 1.17(i): Fee \$130 **Fee Code 1808 for all,
Except for §1.221 papers (Fee Code 1803)**

For papers filed under:

§ 1.28(c)(3) – for processing a non-itemized fee deficiency based on an error in small entity status.
 § 1.41 – for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by §1.63, except in provisional applications.
 § 1.48 – for correcting inventorship, except in provisional applications.
 § 1.52(d) – for processing a nonprovisional application filed with a specification in a language other than English.
 § 1.53(b)(3) – to convert a provisional application filed under § 1.53(c) into a nonprovisional application under §1.53(b).
 § 1.55 – for entry of late priority papers.
 § 1.71(g)(2) – to enter an amendment to the specification for purposes of 35 U.S.C. 103(c)(2) if not filed within the cited time periods
 § 1.99(e) – for processing a belated submission under § 1.99.
 § 1.103(b) – for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).
 § 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114).
 § 1.103(d) – for requesting deferred examination of an application.
 § 1.217 – for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.
 § 1.221 – for requesting voluntary publication or republication of an application. Fee Code 1803
 § 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest.
 § 1.497(d) – for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage.
 § 3.81 – for a patent to issue to assignee, assignment submitted after payment of the issue fee.


Signature

Gerald M. Murphy, Jr.

Typed or printed name

May 19, 2006

Date

28,977

Registration No., if applicable